



MLCO TRADING LIMITED ®

TPIN: 2061889389

Service Re-Invented

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TECHNICAL DATA SHEET CABLE ANCHOR GROUT HIGH FLOW G5

Description

Cable Anchor Grout is a OPC mixture high flow and is non-shrink and designed for cables and long anchors. A selection of chemicals ensures that this product is highly pumpable in all conditions.

Data

- Working temperature: +20°C
 - Bag contains: 10KG
 - Yield per bag: 6.4 litre
 - Water per bag: 3.0 litre
 - Initial set: 60 minutes
 - Final set: 90 minutes
 - Setting time: 24 hours
- Required load: 4 tons/40kN

Typical Results

The bond pull-out (kN) using a 16mm diameter ripple bar grouted in a 250mm x 50mm internal diameter pipe is actually a measure of the shear strength of the Grout. The following are typical laboratory results at a room temperature of 25°C

| Age | Bond Strength | Compressive Strength |
|----------|---------------|----------------------|
| 4 hours | | - |
| 8 hours | 10 kN/1Ton | - |
| 24 hours | 40 kN/4Ton | 8 Mpa |
| 7 days | 80 kN/8Ton | 20 Mpa |
| 28 days | 100 kN/10Ton | 30 Mpa |

Packaging

Supplied in woven polypropylene bags with a waterproof inner liner. Packed in bulk 100 bags in a bulk bag.

Quality Assurance

MLCO Trading Ltd suppliers production and testing programs comply with all local (SANS 1745: 2003) and international testing standards.

